## DXpedition News

**Isle of Man - GD** Steve Muster G4UOL returns to the Isle of Man again this year as **GD4UOL**, Nov. 19-Dec. 5, CW only. He'll try 10 kHz up from the bottom of the traditional bands, and 2 kHz up on the new bands. He'll be active on 160-10 meters, and will field a single-op entry in the CQWW CW test. QSL with one IRC or US$1 to his home address: 60 Genestra Road, Westcliff on Sea, Essex SS0 8DB, UK. Sunrise about 0800Z; sunset 1600Z.

**Chatham Island - ZL7** Alex Wilhelm DK8FD will operate as either **ZL7FD** or **ZL7DX** Nov. 24-Dec. 4, on all bands 80-10 meters, including the new bands, with a single-op entry in the CQWW CW test. QSL via the DARC (German) bureau. If you absolutely insist on direct QSLing, include two IRCs (no $US1, please.): Feldstrasse 19, 64859 Eppertshausen, Germany.


Edited by Chod Harris VP2ML

# The DX Bulletin

America's Premier Weekly Amateur Radio Publication


**Belau - KC6** Members of the Kenwood Amateur Radio Club will operate on all bands and modes from Belau Nov. 19-23. Callsigns are **KC6KM** (JQ1VNM); **KC6HY** (JH4BGH); **KC6KA** (JN1ATL); **KC6OM** (JG1EGG); **KC6SH** (JK1QHK); and **KC6NH** (JK7EIG). QSL to JK1QHK. Sunrise 2055Z; sunset 0828Z.

**Yukon - VY1** NL7TB and NL7VJ will operate from Yukon Territory Nov. 19-22, **/VY1** During ARRL SSB Sweepstakes, they'll operate as **VY1QST**. QSL via the KL7 bureau, or direct to NL7TB, 3605 Arctic Blvd., #1830, Anchorage AK 99503.

**Seychelles - S7** Jean-Pierre F6ITD will operate as **S79TD** from Bird Island (AF-024) Nov. 14-25, on 40-10 meters, with an amplifier, dipoles and a beam. QSL via home call. (DXMB.)



## Reserve Your Island - CQWW CW

▪ **T32BE** is another Eastern Kiribati operation by Paul Lange WC5P. He'll be on Christmas Island (OC-024) Nov. 24-28. QSL home call.

▪ **OJØ/OH1VR** (or **OJØMMM**) will be active from Market Reef, weather permitting, as an 80-meter, single-band entry, by Seppo Sisatto OH1VR. QSL to his home address: Lansirinteenk. 23, 33400 Tampere, Finland.

▪ **VP9?** Jon WB8YJF and Leo K8PYD will operate from Bermuda Nov. 23-30, with an all-band, low-power entry in the contest. QSL via home callsigns.

▪ **VP9MZ** will be a multi-single entry in the contest, by members of the Western New York DX Association: WB2YQH WB2ABD WA2AOG WB2RAJ VE3YBH W2KKZ KF2QE KB2NMV and WF2S. They'll be active **/VP9** Nov. 23-30 from Paget Parish. QSL home calls, plus QSL VP9MZ via WB2YQH, and KF2QE/VP9 via his previous call of KB2MRM.

▪ **ZB2X** will be a single-op, all-band entry by Jorma Saloranta OH2KI. QSL via his home address: Karhutie 39, 00800 Helsinki, Finland.

▪ **FG5?** KD6WW will field a 40-meter single-band entry in the test, with a callsign to be announced.

▪ **AHØK** (or perhaps another call) will be a multi-multi entry from Saipan by Japanese operators, including JE1JKL JR7OMD JE7BIZ JE2JCV JL2TZC JG2BVO and JP1OGL. QSL via the JARL bureau to JF2PZH, or direct to Kenny Sakurada AHØK, 4-506 Honkigaoka 1701, Moriyama, Nagoya 463, Japan. (OPDX.)

▪ **V31K** (or V31KF) will be a multi-single entry by K5GA, N5DU, KI3L, and W5ASP. QSL via W5ASP.

▪ **FJ/F6HWU** Denise and **FJ/F6DXB** Yvette are active from St. Barthelemy (NA-146) to the end of November, including an entry in the test. Try 10107 kHz at 2300Z.

## Shortly Noted

▪ The **South Cook** Island operation (see Issue 711) has been postponed slightly, and is now set for Nov. 18-25. All other information remains the same.

▪ **C21/ZL1AMO:** Ron Wright is on the DXpedition trail again. QSL home call. Ron listens **down** as well as up.

▪ **VP2ETQ** is the Anguilla call of AA7MH and N7OTQ Nov. 18-23, says Japan DX News. Mostly 17- and 10-meter operation. QSL Harwood Shepard, P. O. Box 42346, Phoenix AZ 85080.

▪ **VP5/AI5P** is active Nov. 11-22, according to Japan DX News; QSL home call.

▪ **HG275BCS** is active to Nov. 30 on 160-10 meters CW and SSB, celebrating 275 years of the town of Békéscsaba. QSL to Janos Kulish HA8PO, P. O. Box 257, Békéscsaba, H-5601 Hungary. (The *Callbook* address is incorrect.)

▪ **TM4IPA** is the special-event callsign of the International Police Association to Nov. 14. QSL to F6LGQ. (DXMB.)

# Propagation

## Forecast and Historical Data

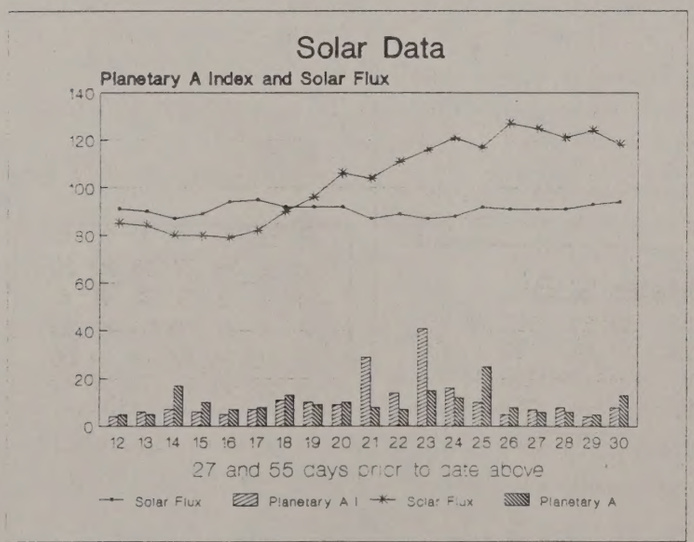
| Day Forecast | 27 Days Before | | | | 55 Days Before | | | |
|---|---|---|---|---|---|---|---|---|
| November 1993 | Date | Flux | A | K | Date | Flux | A | K |
| 12 Above Normal | 10/16 | 91 | 03/04 | 1 | 9/18 | 85 | 03/05 | 0 |
| 13 High Normal | 10/17 | 90 | 05/06 | 1 | 9/19 | 84 | 02/05 | 0 |
| 14 High Normal | 10/18 | 87 | 06/07 | 1 | 9/20 | 80 | 14/17 | 3 |
| 15 High Normal | 10/19 | 89 | 06/06 | 1 | 9/21 | 80 | 07/10 | 2 |
| 16 High Normal | 10/20 | 94 | 03/05 | 1 | 9/22 | 79 | 06/07 | 1 |
| 17 High Normal | 10/21 | 95 | 05/07 | 0 | 9/23 | 82 | 07/08 | 3 |
| 18 High Normal | 10/22 | 92 | 12/11 | 3 | 9/24 | 90 | 15/13 | 3 |
| 19 High Normal | 10/23 | 92 | 11/10 | 3 | 9/25 | 96 | 08/09 | 2 |
| 20 High Normal | 10/24 | 92 | 06/09 | 1 | 9/26 | 106 | 11/10 | 1 |
| 21 Below Normal | 10/25 | 87 | 25/29 | 3 | 9/27 | 104 | 10/08 | 2 |
| 22 High Normal | 10/26 | 89 | 17/14 | 4 | 9/28 | 111 | 05/07 | 2 |
| 23 Disturbed | 10/27 | 87 | 34/41 | 3 | 9/29 | 116 | 15/15 | 3 |
| 24 Low Normal | 10/28 | 88 | 16/16 | 2 | 9/30 | 121 | 13/12 | 2 |
| 25 High Normal | 10/29 | 92 | 08/10 | 1 | 10/1 | 117 | 24/25 | 3 |
| 26 High Normal | 10/30 | 91 | 02/05 | 0 | 10/2 | 127 | 06/08 | 2 |
| 27 High Normal | 10/31 | 91 | 04/07 | 1 | 10/3 | 125 | 03/06 | 2 |
| 28 High Normal | 11/1 | 91 | 07/08 | 2 | 10/4 | 121 | 05/06 | 2 |

## Propagation Watch

The persistent coronal hole that has disrupted the bands for the past few months did it again in November. The first week of the month saw considerable geomagnetic activity, with subsequent lowered maximum useable frequencies, shorter band openings, and lower signal-to-noise ratios. While we can expect to see more of this in early December, we should enjoy a couple of periods of low geomagnetic activity, and above normal propagation, from now until Nov. 20, and again Nov. 26-30. With any luck, this will include the CQWW CW contest Nov. 27-28.

Solar flux remains stagnant in the 90-95 range, too low to provide much excitement on 10 meters (except for some north-south openings). 15 and 17 meters remain excellent DX bands during the day, with 20 meters providing the bulk of the long-haul DX. The early morning opening to the west is best on 40 meters, but watch 30 meters as well, for longer paths, and less QRM.

Six meters has been quite active with E-skip propagation, but no reports of multi-hop outside the US. If six meters shows E-skip activity, check 10 meters for any multi-hop openings. Directional CQs can be very useful; aim your antenna toward the maximum signal and call.




# Operations Accredited for DXCC

by Bill Kennamer K5FUV

| Callsign | Operations beginning: |
|---|---|
| **9G1XA** | 23 August 1993 |
| **9H3RU** | 9 August 1993 |
| **BV/K4IQJ** | 19 May 1991 |
| **C21/KC6DX** | 7 September 1993 |
| **C21/KC6ZM** | 7 September 1993 |
| **CY9/WV2B** | 9 July 1993 |
| **CY9/WAØUJH** | 9 July 1993 |
| **CY9R** | 2 September 1993 |
| **ET3RP** | 20 September 1993 |
| **JT1/JE7RJZ** | 5 January 1993 |
| **JT/JE7RJZ** | 19 August 1990 |
| **SV5/N6MZ** | 16 June 1993 |
| **T5/N3HQW** | 31 August 1993 |
| **UAØS/JE7RJZ** | 28 October 1991 |
| **UAØS/JM1SVJ** | 28 October 1991 |
| **UAØS/JJ2HVK** | 28 October 1991 |
| **UAØS/JK2NBE** | 28 October 1991 |
| **VS6/K4IQJ** | 27 May 1991 |
| **ZB2/DL7URA** | 6 April 1993 |
| **ZB2/DL7VEE** | 5 April 1993 |

## 1994 *Callbook*s Available

Mike Klein KC3NE is offering discount prices on the 1994 *Radio Amateur Callbook*s, the "Flying Horse" North American and International editions. Through Nov. 30, they are **$24.50 each, $46.50 for both**, postpaid in the US. For optional UPS shipping to the lower 48 states, add $2 per order. Free 1994 calendar and free custom beam-heading chart (enclose your latitude and longitude). Shipping starts Nov. 26. Check or money order to Mike Klein, Box 306, Cheltenham PA 19012. (215-569-6738) After Nov. 30, add $1 per order.

## QSLs Received

- From managers: **5NØSKO** (W3HCW, 1 MO); **5W1VJ** (G4ZVJ, 8 MOS); **9H8F** (HA4ZC, 2 YRS!); **9K2ZZ** (W8CNL, 1 WK); **C91J** (W8GIO, 1 WK!); **EL2PP** (I5CZE, 2 WKS); **EV9A** (F6AML, 4 MOS); **FW/HB9TL** (HB9TL, 4 MOS); **HBØ/HB9TL** (HB9TL, 10 DYS); **HZ1AB** (K8PYD, 4 MOS); **J79DX** (AA5DX, 3 WKS); **T32BE** (WC5P, 5 WKS); **T5/LA4MQ** (LA4MQ, 4 MOS); **VP5G** (N6ZJM, 6 MOS); **XQØX** (CE3ESS, 4 MOS); **XT2BW** (WB2YQH, 1 MO); **XUØNU** (F6FNU, 1 MO); **XU5DX** (F6FNU, 1 MO); **XX9AS** (KU9C, 3 MOS); **ZB2JL** (N5OKR, 1 MO); **ZD8RM** (AA5DX, 3 WKS).
- Direct: **HH2PK** (1 MO); **ZB2BU** (5 MOS); **ZK1AT** (1 MO).

## Substitute 3526

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# B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
*All "portable" calls listed with country of operation first, regardless of format used on the air.*

## RTTY

| | | | | |
|---|---|---|---|---|
| EA6NB | 14091 | 1712 | 7 | NJ |
| VP8CIL | 14078 | 0101 | 7 | CA |

## 160 Meters

| | | | | |
|---|---|---|---|---|
| EA8PP | 1840 | 0519 | 4 | NY |
| FK8CP | 1838 | 0706 | 4 | DE |
| G3PQA | 1832 | 0458 | 1 | SC |
| GD4BEG | 1831 | 0540 | 3 | CT |
| KH6CC | 1829 | 0431 | 1 | SC |
| VK9NS | 1834 | 0724 | 4 | DE |
| VP5JM | 1845 | 0010 | 25 | MN |
| ZL2JR | 1832 | 0754 | 4 | MD |

## 80 Meters

| | | | | |
|---|---|---|---|---|
| 3DAØBK | 3508 | 0300 | 2 | MN |
| CX4GL | 3504 | 0901 | 26 | NH |
| EA7DRK | 3508 | 0412 | 21 | MI |
| JA1HQT | 3505 | 0920 | 26 | NH |
| JA5AUC | 3502 | 1015 | 1 | NH |
| JF6DPM | 3502 | 1010 | 1 | NH |
| KL7KJ | 3503 | 0945 | 26 | NH |
| OZ3IB | 3507 | 2213 | 26 | NH |
| PY2NQ | 3504 | 0415 | 2 | MN |
| SM6CPY | 3504 | 2115 | 28 | NH |
| VK5BC | 3505 | 1080 | 1 | NH |
| VK6HD | 3503 | 1015 | 30 | NH |
| ZD8VJ | 3501 | 0603 | 22 | MI |
| ZD8VJ | 3505 | 2110 | 28 | NH |

## 75 Meters

| | | | | |
|---|---|---|---|---|
| 7X2BK | 3797 | 0410 | 24 | VA |
| EA8PP | 3794 | 0543 | 7 | CA |
| FK8FU | 3795 | 1058 | 2 | NH |
| FM5DN | 3790 | 0606 | 7 | CA |
| HH2PK | 3793 | 0442 | 7 | CA |
| JA1JRK | 3795 | 0920 | 1 | NH |
| OM3NA | 3795 | 0514 | 7 | CA |
| S21ZW | 3790 | 2300 | 29 | NH |
| SM5SB * | 3789 | 1410 | 29 | CA |
| TL8NG | 3790 | 1455 | 27 | IA |
| UL7VV * | 3799 | 1400 | 29 | CA |
| UM8NU * | 3799 | 1400 | 29 | CA |
| V85PB | 3796 | 1410 | 29 | CA |
| VK3AJJ | 3799 | 1050 | 2 | NH |
| VK6ACY | 3796 | 1055 | 2 | NH |

## 40 Meters

| | | | | |
|---|---|---|---|---|
| 3B8CF | 7003 | 0225 | 28 | IA |
| 5Z4FO | 7008 | 0230 | 27 | KS |
| 7Q7XX | 7004 | 0315 | 28 | IA |
| 9A3IQ | 7003 | 0045 | 25 | MN |
| 9V1ZE | 7008 | 1015 | 27 | IA |
| EP2A | 7009 | 2339 | 24 | MI |
| HI3LFE | 7004 | 0425 | 27 | CA |
| HZ1AB | 7011 | 1351 | 7 | WA |
| JW5NM | 7004 | 1300 | 2 | MN |
| JW7FD | 7009 | 0025 | 29 | IA |
| OM3CQR | 7004 | 0430 | 23 | MT |
| OM3PA | 7005 | 1517 | 7 | CA |
| PZ5JR | 7002 | 0310 | 2 | IA |
| RWØAB | 7004 | 1255 | 2 | MN |
| SMØCCE * | 7002 | 1509 | 7 | CA |
| T94US | 7007 | 0410 | 23 | MT |
| UAØZAJ | 7012 | 0959 | 7 | CA |
| VP8GAV | 7017 | 2345 | 27 | IA |
| VS6WV | 7007 | 1220 | 2 | IA |
| XT2BW | 7012 | 0640 | 27 | CA |
| Z21HS | 7025 | 1340 | 28 | IA |
| ZA1J | 7003 | 0356 | 30 | SC |
| ZB2AZ | 7021 | 0730 | 22 | MI |
| ZD8VJ | 7001 | 0526 | 27 | CA |
| ZL2IC | 7008 | 0741 | 22 | MI |

## 30 Meters

| | | | | |
|---|---|---|---|---|
| 3B9FG | 10107 | 0201 | 7 | TX |
| 3B9FR | 10105 | 1208 | 27 | GA |
| 4K1F | 10101 | 0318 | 27 | MI |
| 4Z4DX | 10102 | 0240 | 26 | SC |
| 7Q7XX | 10102 | 0408 | 24 | CA |
| 7Q7XX | 10101 | 2326 | 23 | MI |
| 9J2BO | 10107 | 0431 | 26 | MA |
| 9K2MU | 10102 | 2318 | 28 | MA |
| C91J | 10107 | 0140 | 27 | KS |
| CU2AK | 10105 | 0137 | 26 | MI |
| FG5BG | 10101 | 0222 | 27 | GA |
| FK8GJ | 10106 | 1246 | 26 | MI |
| FO5BI | 10106 | 0223 | 7 | CA |
| HP1XBH | 10106 | 0134 | 26 | MI |
| J5UAI | 10101 | 0031 | 24 | MI |
| KH3/ NH6HX | 10105 | 1056 | 23 | MI |
| KH4/ N7TNL | 10104 | 0350 | 7 | CA |
| KH6BGE | 10106 | 0327 | 31 | SC |
| LU7XP | 10103 | 0324 | 27 | SC |
| LZ1XL | 10102 | 0343 | 31 | SC |
| OM3EY | 10105 | 2111 | 20 | MI |
| UAØZL | 10105 | 0431 | 27 | SC |
| V85KX | 10109 | 1455 | 29 | ID |
| XE2AAF | 10105 | 0219 | 29 | NY |
| Z21HS | 10105 | 0426 | 22 | MI |

## 20 Meter CW

| | | | | |
|---|---|---|---|---|
| 4L4ZG | 14029 | 1234 | 27 | MA |
| 5R8DS | 14015 | 1753 | 25 | MI |
| C91J | 14011 | 2232 | 24 | MI |
| ER1AM | 14025 | 1203 | 28 | GA |
| ISØBMX | 14022 | 1917 | 28 | ID |
| J28EN | 14024 | 1912 | 17 | NH |
| S79MX | 14001 | 1413 | 27 | CO |
| T91ENG | 14025 | 1750 | 25 | CO |
| VP8GAV | 14019 | 2311 | 29 | MO |
| VR6MW | 14010 | 0339 | 27 | KS |
| ZD8M | 14024 | 2115 | 17 | NH |
| ZD8VJ | 14026 | 2030 | 20 | MI |

## 20 Meter SSB

| | | | | |
|---|---|---|---|---|
| 7Q7XX | 14156 | 0244 | 30 | IL |
| 9X5JK | 14299 | 1050 | 29 | WA |
| A22MN | 14195 | 2125 | 26 | IA |
| A22SC * | 14195 | 1512 | 7 | CA |
| C53HG | 14184 | 1636 | 7 | CA |
| D2SA | 14196 | 0613 | 27 | CA |
| D44BS | 14243 | 0005 | 29 | IA |
| D44BS | 14226 | 2100 | 29 | CA |
| EA8AH | 14172 | 0220 | 29 | CA |
| HH2LQ | 14225 | 0401 | 28 | MA |
| TU5DX | 14210 | 0100 | 30 | CA |
| V63HM | 14202 | 0308 | 7 | CA |
| V73C | 14210 | 0307 | 7 | CA |
| VP8COT | 14247 | 0225 | 28 | CA |
| VR6BX | 14272 | 0545 | 29 | KS |
| VR6TA | 14255 | 0507 | 26 | MA |
| ZA1B | 14226 | 1800 | 29 | WA |

## 17 Meter CW

| | | | | |
|---|---|---|---|---|
| 3V8AS | 18071 | 1206 | 29 | GA |
| 3V8AS | 18070 | 1624 | 26 | SC |
| 7Q7XX | 18072 | 1925 | 21 | MI |
| CN8LR | 18082 | 1251 | 26 | MI |
| ET3BH | 18081 | 1842 | 20 | MI |
| HV3SJ | 18070 | 1456 | 31 | NH |
| ISØOMH | 18070 | 1552 | 27 | SC |
| J28RD | 18080 | 1839 | 20 | MI |
| OX3XR | 18069 | 2047 | 21 | MI |
| S53AX | 18070 | 1425 | 28 | SC |
| ZD8M | 18077 | 1417 | 7 | NS |
| ZS6QU | 18070 | 1911 | 20 | MI |

## 17 Meter SSB

| | | | | |
|---|---|---|---|---|
| 8P6QJ | 18120 | 1720 | 28 | SC |
| HC2RG | 18140 | 0021 | 24 | MI |
| HZ1AB | 18125 | 1414 | 26 | SC |
| LX2DW | 18136 | 1615 | 2 | MN |
| TA6JM | 18110 | 1410 | 26 | SC |
| YS1XS | 18122 | 1625 | 7 | TX |
| ZB2AZ | 18138 | 1235 | 20 | NJ |

## 15 Meter CW

| | | | | |
|---|---|---|---|---|
| 4O9S | 21016 | 1514 | 24 | AZ |
| 8R1J | 21018 | 2129 | 31 | NH |
| ER8ZAL | 21011 | 1522 | 24 | AZ |
| ET3YU | 21032 | 1545 | 29 | MA |
| FR5BT | 21046 | 1258 | 29 | NY |
| FS4PL | 21009 | 2125 | 29 | ID |
| HKØER | 21021 | 2318 | 26 | KS |
| ISØESG | 21011 | 1443 | 26 | AZ |
| ISØHQJ | 21028 | 1913 | 26 | NY |
| J28BF | 21009 | 1245 | 1 | NH |
| S92SS | 21001 | 1943 | 26 | NH |
| TL8GR | 21002 | 1254 | 1 | NH |
| VQ9QM | 21020 | 1335 | 2 | IA |
| XQØYAF | 21017 | 1458 | 28 | NH |
| ZD8M | 21025 | 1206 | 27 | MA |

## 15 Meter SSB

| | | | | |
|---|---|---|---|---|
| 3A2CC | 21259 | 1703 | 24 | VA |
| 4U1WB | 21287 | 1730 | 1 | CA |
| 7X2DG | 21279 | 1215 | 24 | NJ |
| 7X2DG | 21266 | 1709 | 24 | VA |
| 7X2LS | 21295 | 1350 | 24 | NJ |
| A47RS | 21223 | 1355 | 2 | IA |
| AP2JZB | 21335 | 1447 | 26 | VA |
| C91AI | 21302 | 1457 | 7 | ON |
| CN2AQ | 21309 | 1729 | 7 | NY |
| CQ9M | 21268 | 1749 | 7 | CA |
| CT3EU | 21228 | 1716 | 27 | CO |
| D2SA | 21297 | 1845 | 28 | IA |
| EL2PP | 21306 | 1704 | 28 | CO |
| JY6ZZ | 21250 | 1435 | 7 | NS |
| OD5ØJY | 21220 | 1413 | 7 | NS |
| OD5ZZ | 21266 | 1355 | 24 | VA |
| PZ1EE | 21355 | 1846 | 23 | VA |
| SV5TS | 21252 | 1643 | 24 | VA |
| VS6WO | 21210 | 2310 | 29 | IA |
| VU2DK | 21275 | 1433 | 7 | NS |
| ZD7GWM | 21260 | 1535 | 27 | IA |
| ZD7SM | 21267 | 1905 | 28 | IA |
| ZD7VC | 21288 | 1830 | 19 | NJ |

## 12 Meter CW

| | | | | |
|---|---|---|---|---|
| 3B8CF | 24895 | 1434 | 28 | SC |
| 7Q7XX | 24891 | 1534 | 21 | MI |
| 9J2BO | 24903 | 1702 | 25 | MI |
| 9V1ZB | 24902 | 0135 | 7 | CA |
| DPØGVN | 24905 | 1853 | 26 | MI |
| ISØOMH | 24897 | 1730 | 21 | MI |
| S92SS | 24898 | 1918 | 26 | VA |

## 12 Meter SSB

| | | | | |
|---|---|---|---|---|
| 3B9FR | 24933 | 1551 | 7 | NS |
| 9J2BO | 24955 | 1508 | 29 | CA |
| ET3BH | 24955 | 1534 | 29 | MA |
| FY5CF | 24933 | 1706 | 25 | MI |
| S59AM | 24935 | 1406 | 20 | NJ |
| Z21HJ | 24940 | 1536 | 7 | ON |
| ZD8VJ | 24935 | 1914 | 28 | CA |

## 10 Meter CW

| | | | | |
|---|---|---|---|---|
| C91J | 28016 | 1650 | 26 | MN |
| LU2BRG | 28030 | 2105 | 20 | MI |

## 10 Meter SSB

| | | | | |
|---|---|---|---|---|
| 7P8SR | 28408 | 1435 | 29 | IA |
| 7P8SR | 28465 | 1808 | 23 | VA |
| 9A1CCY | 28400 | 1304 | 29 | NY |
| C91J | 28480 | 1506 | 7 | NS |
| EL2PP | 28495 | 1640 | 27 | CO |
| FH5CB | 28410 | 1540 | 28 | IA |
| V21BJ | 28370 | 1615 | 7 | NJ |
| VR6BX | 28453 | 1835 | 28 | CA |
| YN/ SMØOIG | 28488 | 2320 | 28 | CA |
| ZD7GWM | 28430 | 1730 | 27 | CO |

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |

Issue 713 - November 12, 1993

## Current and Future DXpeditions

(Changes and hot info in **boldface**.)

| DXCC Country | Prefix | Callsign | Dates | Issue |
|---|---|---|---|---|
| **Anguilla** | **VP2E** | **W1GAY** | **Nov. 11-16** | **I711** |
| | **VP2ETQ** | | **Nov. 18-23** | **I713** |
| **Ascension Island** | **ZD8Z** | | **Nov. 9-30** | **I711** |
| **Bangladesh** | **S2** | **by PA3BTG** | **thru Nov.** | **I709** |
| **Belau** | **KC6** | **by JAs** | **Nov. 19-23** | **I713** |
| **Bermuda** | **VP9/** | **W2s** | **Nov. 23-30** | **I713** |
| **Cambodia** | **XU** | **XU6WV** | **early Nov.** | **I712** |
| **Chatham Island** | **ZL7** | **ZL7FD?** | **Nov. 24-Dec. 4** | **I713** |
| **Christmas Island** | **VK9** | **VK9XZ** | **Nov. 6-13** | **I709** |
| **Eastern Kiribati** | **T32** | **T32BE** | **Nov. 24-28** | **I713** |
| **Fiji** | **3D** | **TBA** | **Nov. 15-30** | **I712** |
| **Ghana** | **9G** | **9G1JI** | **Nov. 8+** | **I711** |
| **Isle of Man** | **GD** | **GD4UOL** | **Nov. 19-Dec. 5** | **I713** |
| Maldives | 8Q | **8Q7?** | **Nov. 2-14** | **I710** |
| **Marshall Islands** | **V7** | **V73UF** | **Nov. 22-28** | **I711** |
| **Micronesia** | **V6** | **V63UF** | **Nov. 10-17** | **I711** |
| **Midway Island** | **KH4/** | **N7TNL** | **Oct. 21+** | **I708** |
| **Nauru** | **C21/ZL1AMO** | | **now!** | **I713** |
| Netherland Antilles | | PJ2/WJ2O | Nov. 23-Dec. 4 | I712 |
| Peter I Island | 3Y | | Feb. 1-17 | I685 |
| **Pratas Island** | **BV** | **BV9P** | **November** | **I693/5** |
| Rodriguez Island | 3B | 3B9FR | new bands | I711 |
| **St. Barthelemy** | **FJ/** | **F6s** | **to Nov. 30** | **I713** |
| St. Christopher | V4 | V47KP | Nov. 25-30 | I712 |
| **Seychelles** | **S7** | **S79TD** | **Nov. 14-25** | **I713** |
| **South Cook Islands** | | **ZK1s** | **Nov. 18-25** | **I711/3** |
| **Sri Lanka** | **4S7** | **OH2VZ** | **Nov. 15-Dec. 15** | **I711** |
| Sudan | ST2/G4OJW | | 20, 17 meters | I711 |
| Tonga | A3 | TBA | Dec.-Jan. | I712 |
| Turks & Caicos | VP5/ | WB8GEX | Nov. 21-28 | I706 |
| | | **VP5/AI5P** | **Nov. 11-22** | **I713** |
| Vietnam | 3W | XV7TH | 14195, 21295 | I710 |
| **Yukon** | **VY1** | **NL7s** | **Nov. 19-22** | **I713** |

### Operating Events and DX Gatherings

| Dates | Event | Reference: |
|---|---|---|
| Nov. 12-14 | Japan International DX Contest | CQ |
| Nov. 13-14 | WAE RTTY | CQ |
| Nov. 19-21 | SEANET Convention Bangladesh | I705 |
| Nov. 20-21 | Ukrainian DX Contest | CQ |
| Nov. 27-28 | CQWW CW Contest | CQ |
| Dec. 3-5 | ARRL 160-Meter Contest | QST |
| Dec. 11-12 | ARRL 10-Meter Contest | QST |
| Jan. 28-30 | CQWW 160-Meter CW Contest | CQ |

### Contributors

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## Resident Amateurs on Regularly

| DXCC Country | Callsign | Freq. | UTC |
|---|---|---|---|
| **160 Meters** | G3PQA | 1832 | 0500Z |
| **80 Meters** | JA1HQT | 3503 | 0920Z |
| **Ascension Island** | ZD8VJ | 7002 | 0320Z |
| **Easter Island** | XQØYAF | 21003 | 2200Z |
| **Ethiopia** | ET3YU | 21030± | 1545Z |
| **Guinea-Bissau** | J5UAI | 10102 | 0030Z |
| **Kuwait** | 9K2ZZ | 24899 | 1500Z |
| **Malawi** | 7Q7XX | 10102 | 0400Z |
| **Mauritius Island** | 3B8CF | 24893 | 1430Z |
| **Mayotte** | FH5CB | 28408± | 1540Z |
| **Mozambique** | C91J | 24480 | 1500Z |
| **Mozambique** | C91AI | 21305± | 15-1900Z |
| **South Shetlands** | 4K1F | 10101 | 0320Z |
| **Zimbabwe** | Z21HS | 10105 | 0430Z |

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### N6RJ Donations

"As most of you are aware, the amateur radio community lost a good friend and tireless supporter with the passing of Jim Rafferty N6RJ. One of the causes that Jim's family asked people to support was the Northern California DX Foundation. From now until December 1, 1993, the Foundation will accept separate contributions in memory of Jim Rafferty. These contributions will be pooled with the rest of the Foundation's resources but the individuals donating will have their call signs put on a plaque. This plaque will be presented to Mrs. Rafferty and subsequently hung in the Anaheim CA Ham Radio Outlet where Jim was Vice President of the company.

"Anyone who desires to donate to this memorial should send their contribution c/o the Northern California DX Foundation, P. O. Box 2368, Stanford CA 94305, or to Bruce Butler W6OSP, NCDXF Treasurer, 4220 Chardonnay Court, Napa CA 94558."